

Work Order ID 63674

Tuesday, November 09, 2010 2:24:44 PM



Page 1

Item ID: D3953-7

Accept



Setup Start



Revision ID:

Stop



Item Name: Spring Spacer

Start Date: 11/9/2010 Start Qty: 8.00



Cust Item ID:

Required Date: 11/16/2010 Req'd Qty: 8.00



Customer:

Reference:

Approvals:

Process Plan: MF

Date: 10-11-9

Tooling:

Date: _____

Run Start



QC:

Date: _____

SPC (Y/N):

Date: _____

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3953

C

100

0.00



Hardinge

Hardinge CNC Lathe Small

Memo

TURN AS PER FOLIO FA854 & DWG

FOLIO REV: AE

DWG REV: AE

DEBURR

0.00

10-11-11

8

110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Quality Control

Memo

0.00

10-11-11

8

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Page 2

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Revision ID:

Item Name: Spring Spacer

Start Date: 11/9/2010 Start Qty: 8.00

Required Date: 11/16/2010 Req'd Qty: 8.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

QC8- Inspect parts - second check

0.00

QC

Memo

0.00

H.A 10/11/12

8

Quality Control

130

Identify as per dwg & Stock Location: 101

0.00

Packaging

Memo

0.00

Packaging

10/11/12 E

140

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

10/11/12 J
10-11-12

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Picklist Print

Tuesday, November 09, 2010 2:24:43 PM

Page 1

Work Order ID: 63674



Parent Item: D3953-7



Parent Item Name: Spring Spacer

Start Date: 11/9/2010


Required Date: 11/16/2010

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP RevA: New issue DD verified by:EC
revC DD 10.03.02 verified by:EC

IPP Rev:B as per dwg

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MDELRINR0.750  Delrin Round Bar 0.75"		Purchased	No			100	f	58.3400	0.05	0.421053		10-11-11	

Location

Loc Qty

Loc Code

MAT050

58.34

112418

0.12

115472

58.22

313

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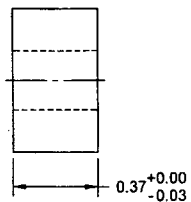
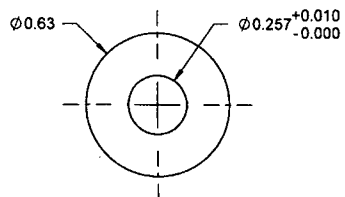
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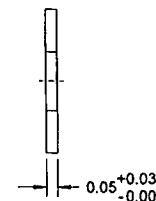
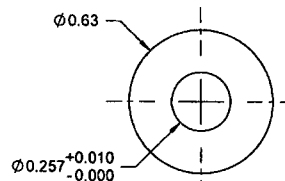
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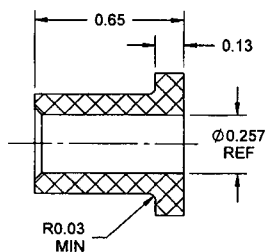
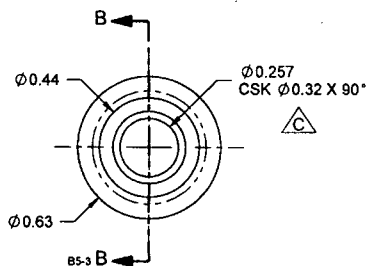


D3953-7 GAS SPRING SPACER



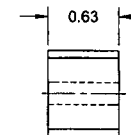
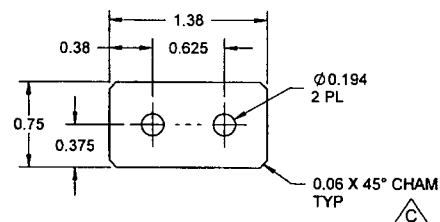
D3953-9 GAS SPRING WASHER

63674



SECTION B-B 87-3

D3953-11 GAS SPRING SPACER



D3953-13 GAS SPRING SPACER

NOTES:

1) MATERIAL -7, -9 & -11: DELRIN II 150E OR ACETRON GP ACETAL, BLACK
REF DART SPEC M-DELIN-R

-13: AISI 304 STAINLESS STEEL BAR
REF DART SPEC M304B

2) FINISH: N/A

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION -13 ONLY: IDENTIFY WITH DART P/N "D3953-13" USING FINE POINT PERMANENT INK MARKER

7) WEIGHT -7/-9/-11: < 0.01 lbs EACH

-13: 0.17 lbs

RELEASED
2010-02-26

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	<i>[Signature]</i>	D3953	SHEET 3 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	GAS SPRING LID COMPONENTS	NTS
DATE	10.01.29	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

Dart Aerospace Ltd

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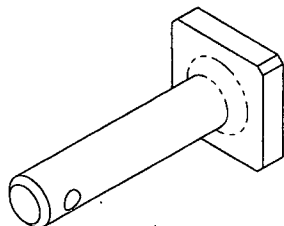
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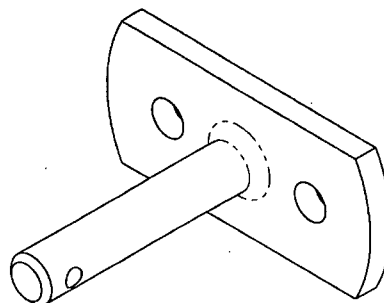
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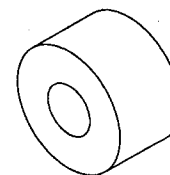
D3953-1 GAS SPRING BRACKET
(FULL LID)



D3953-3 GAS SPRING STUD, LID



D3953-5 GAS SPRING STUD, BASE

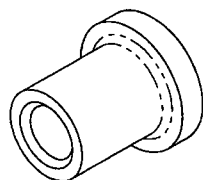


D3953-7 GAS SPRING SPACER

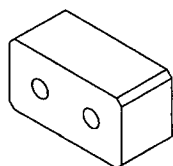


D3953-9 GAS SPRING WASHER

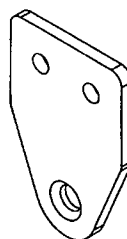
63674



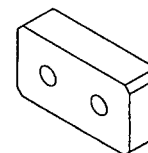
D3953-11 GAS SPRING SPACER



D3953-13 GAS SPRING SPACER
(FULL LID)



D3953-15 GAS SPRING BRACKET
(SPLIT LID)

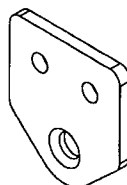


D3953-17 GAS SPRING SPACER
(SPLIT LID)



D3953-19 GAS SPRING BRACKET
(SQUARE BASKET)

RELEASED
R 2010-02-26



D3953-21 GAS SPRING BRACKET
(SQUARE BASKET)



C	PARTS -19 & -21 ADDED (SHT 18 & 4); CSK CALLOUT WAS CHAM (C6-2, B6-3, C6-4); C SYMM WAS C SYM ABOUT (C7-2, C7-4); SECTION C-C REPOSITIONED TO B2-4 REASON: ADDL PARTS REQD, DRAFTING ERRORS	JPH	10.01.29
B	SHEET 3 ZONE C1, DIM 0.05 MIN WAS 0.13, MULTIPLE DIMENSIONS MIN/MAX REMOVED TOLERANCE ADDED REASON: DIFFICULTY INSTALLING COTTER PIN AT NEXT ASSY.	AJS	09.11.11
A	NEW ISSUE	AJS	09.07.27
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	JP	DRAWING NO.	REV. C
MFG. APPR.	JP	D3953	SHEET 1 OF 4
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	GAS SPRING LID COMPONENTS	NTS
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8 7 6 5 4 3 2 1

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